

ABBREVIATIONS

<b>A</b>	abutment	abut.
	aggregate	aggr.
	ahead	AH
	alternate	alt.
	and others	et al
	and wife	et ux
	approach	appr.
	asphalt	asph.
	average daily traffic	ADT
<b>B</b>	back	BK
	balance point	BP
	bearing	brg.
	beginning, begin	beg.
	bench mark	BM
	both faces	b.f.
	bridge	br.
<b>C</b>	centerline	CL
	center to center	c-c
	centers	ctrs.
	clear	clr.
	column	col.
	concrete	conc.
	concrete box culvert	CBC
	construction	constr.
	construction joint	constr. jt.
	contingent sum	CTSM
	continuous	cont.
	corrugated	corr.
	corrugated metal pipe	CMP
	county	Co.
	creek	cr.
	culvert	culv.
	curve delta	Δ
<b>D</b>	decrement	decr.
	design hour volume	DHV
	diagonal	diag.
	diameter	dia. or D
	diaphragm	diaph.
	distance	dist.
	district	Dist.
	donation land claim	DLC
	drawing(s)	dwg(s).
<b>E</b>	east	E
	edge of pavement	EOP
	edge of water	EW
	edge of road	ER
	elevation	elev.
	elevation with number	El. 94.066
	embankment	emb.
	Engineer(s)	engr(s).
	equation	EQ or eq.
	excavation	exc.
	expansion joint	exp. jt.
	exterior	ext.
<b>F</b>	federal	Fed.
	fill face	f.f.
	finish	fin.
	footing	ftg.
	for example	e.g.
<b>G</b>	galvanized	galv.
	gage (gauge)	ga.
	girder	gdr.
<b>H</b>	headwall	hdwl.
	hexagon	hex.
	high water	HW
	highway	hwy.
	homestead entry survey	HES
	horizontal	horiz.
<b>I</b>	inclusive, including	incl.
	increment	incr.
	inside diameter	ID
	interior	int.
<b>J</b>	joint	jt.

<b>L</b>	lamination	lam.
	latitude	lat.
	left	Lt. or LT
	length of curve	L
	longitudinal	long.
	low water	LW
	lump sum	LPSM
<b>M</b>	magnetic	mag.
	maintenance	maint.
	material	matl.
	maximum	max.
	minimum	min.
	monument	mon.
	mountain(s)	mtn(s).
<b>N</b>	negative	neg.
	north	N
	normal crown	NC
	number	no. or #
<b>O</b>	on centers	o.c.
	other face	o.f.
	outside diameter	OD
<b>P</b>	pavement	pvmt.
	perforate	perf.
	plate	pl.
	point of compound curve	PCC
	point of curve	PC
	point on curve	POC
	point of intersection	PI
	point of spiral to curve	PSC or SC
	point of curve to spiral	PCS or CS
	point on spiral	POS
	point of spiral to tangent	PST or ST
	point on tangent	POT
	point of tangent to spiral	PS or TS
	point of tangent	PT
	pounds per square inch	psi
	project	proj.
<b>Q</b>	quantities	quant., Qty
<b>R</b>	radius	R
	range	R.
	reconstruction	reconst.
	reference hub	RH
	reinforcement	reinf.
	required	reqd.
	reservoir	res.
	Reservation	Res.
	retaining wall	ret. wall
	right	Rt. or RT
	right-of-way	R/W
	road	rd.
	roadway	rdwy.
	route	rte.
<b>S</b>	school	sch.
	seasonal average	SADT
	daily traffic	
	section	sec.
	shoulder	shldr.
	south	S
	spacing, Spaces or Spaced	spa.
	specification	spec.
	standard	std.
	station	sta.
	stiffener	stiff.
	straight	str.
	street	st.
	structural	struc.
	superelevation rate	e
	symmetrical	sym.
<b>T</b>	tangent	tan.
	tangent length	T
	temporary bench mark	TBM
	temporary construction	TCE
	easement	
	transverse	transv.
	township	T.
	typical	typ.
<b>V</b>	vehicles per hour	vph
	vertical	vert.
	vertical point of intersection	VPI
<b>W</b>	west	W

DRAINAGE SYMBOLS

Ditch (Existing, Proposed)

Flow Arrow

Drainage or Small Creek

Lake, Pond or Reservoir

Large Creek

Wetland

River

Spring

Bridge (Existing, Proposed)

Box Culvert (Existing, Proposed)

Pipe Culvert (Existing, Proposed)

With End Sections (Existing, Proposed)

With Headwalls (Existing, Proposed)

With Drop Inlet (Existing, Proposed)

Underdrain (Existing, Proposed)

Riprap Apron (Proposed)

EROSION CONTROL SYMBOLS

Mulching, Bonded Fiber Matrix

Check Dam

Diversion Berm

Erosion Control Mat

Riprap

Sediment Log at:

Culvert Inlet With End Section

Culvert Inlet With Head and/or Wing Walls

Ditch and/or Cut Slope

Drop Inlet

Slope Protection (Wattle)

Silt Fence

FENCE & CATTLEGUARD SYMBOLS

Fence (Existing, Proposed)

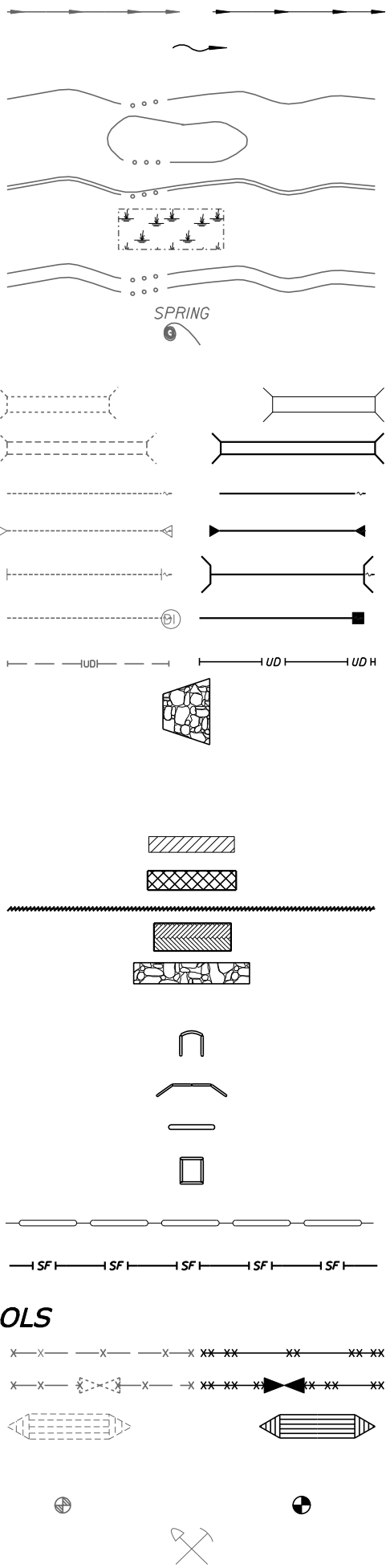
Fence w/ Gate (Existing, Proposed)

Cattleguard (Existing, Proposed)

GEOLOGIC SYMBOLS

Boring Location (Existing, Proposed)

Material Source



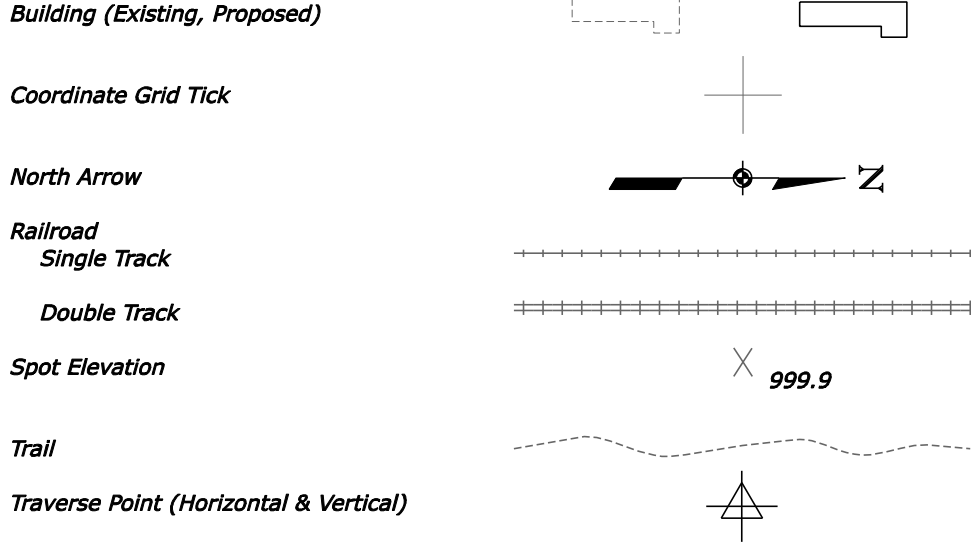
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

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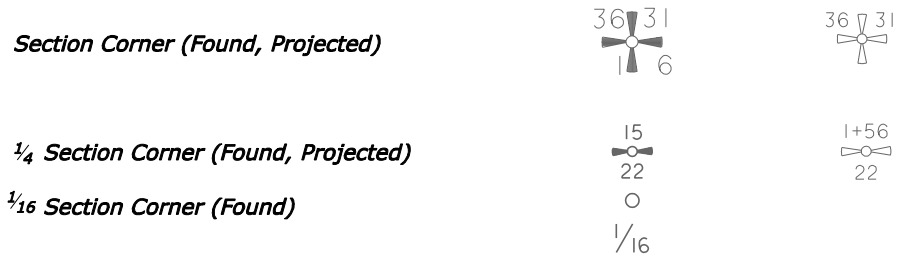
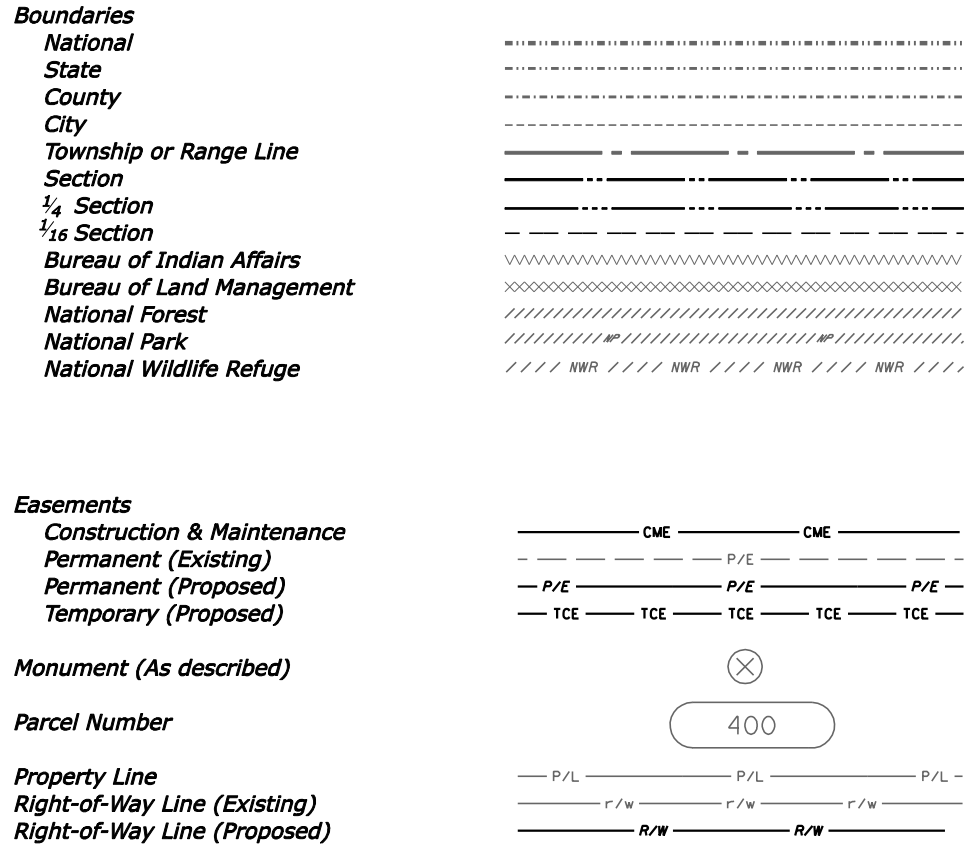
LANDSCAPING & VEGETATION SYMBOLS



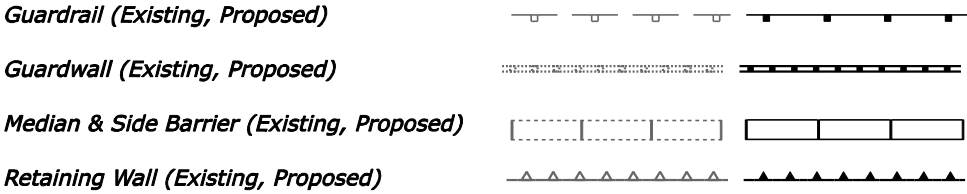
MAPPING SYMBOLS



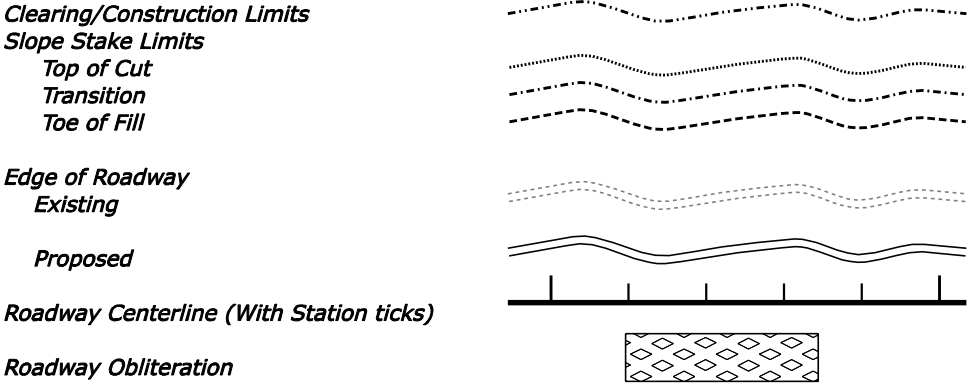
RIGHT-OF-WAY SYMBOLS



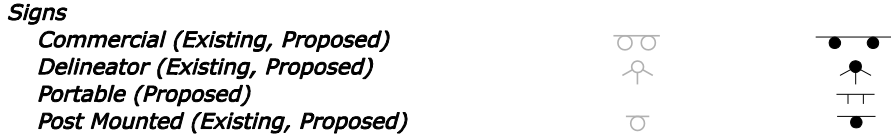
GUARDRAIL, BARRIER & WALL SYMBOLS



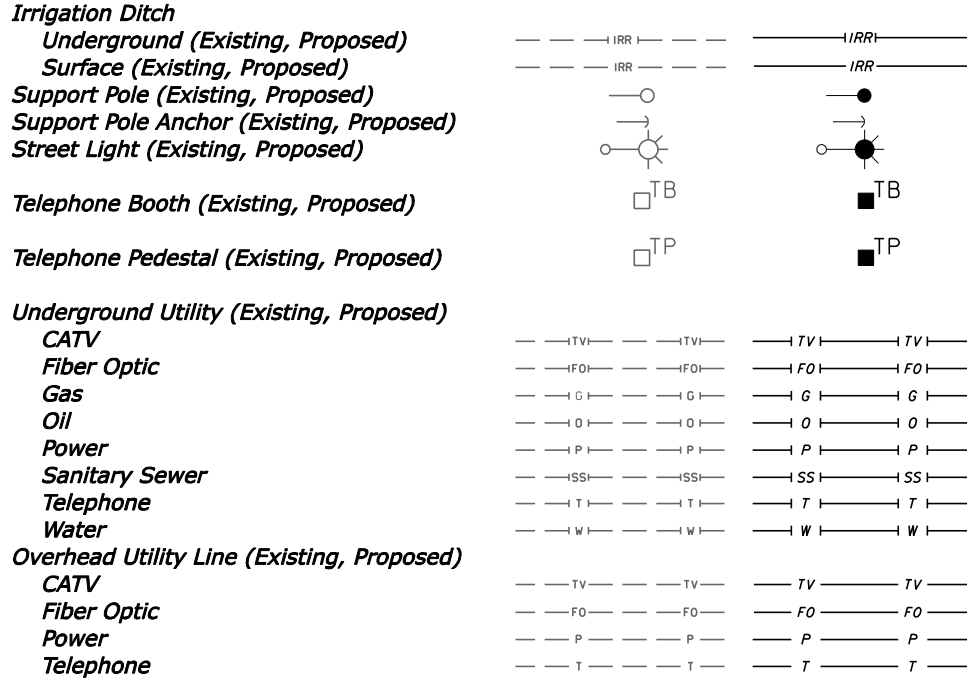
ROADWAY SYMBOLS



SIGN SYMBOLS



UTILITY SYMBOLS



MISCELLANEOUS SYMBOLS

See Note 4

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PROJECT SPECIFIC SYMBOLS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

# Instructions

## (Conventional Plan Symbol & Abbreviations)

- Switch between models to get Metric or U.S. Customary Units Symbol Sheet and between Sheets 1 & 2.

Name	Model
Graphics Views	Graphics
Metric Sheet 1	Metric Sheet 1
Metric Sheet 2	Metric Sheet 2
US Customary Sheet 1	US Customary Sheet 1
US Customary Sheet 2	US Customary Sheet 2
US Customary Sh	1 2 3 4 5 6 7 8

The Symbol Sheet drawing contains five models: Metric(Sheet 1 & 2), U.S. Customary (Sheet 1 & 2) and the Graphics model which contains the actual graphics, abbreviations and linestyles. The Graphics model is referenced into the other models where the border and project information is located. **DO NOT MODIFY THE "GRAPHICS" MODEL.** Any project specific symbols shall be placed on Sheet 2 in the right hand column. You will need linestyle resource files attached in order for the linestyles to show up and print properly.

- Grey elements are notes for the user (They are construction elements and will not plot)
- Attach project Border to drawing; it will attach in the correct location.
- Paste continuation of "INDEX OF SHEETS" from Excel spreadsheet into drawing.

	A	B	C
1	INDEX TO SHEETS		
2	SHEET	DESCRIPTION	
3	A1	TITLE SHEET	
4	A2	CONVENTIONAL PLAN SYMBOLS & ABBREVIATIONS	
5			
6			
7			
8	14	55	
9			
10			
11			

Text Size  
Verdana Font

Row Height

Column Width

Edit > Paste special



You can paste a picture of the spreadsheet or link it so it updates automatically

Place by corners and snap to grey box in Sheet 1 of Conventional Plan Symbols & Abbreviations